

CLAIMS:

What is claimed is:

1. A method of remote control, comprising:
executing, on a service processor independent of a main processor within a remotely managed data processing system, a remote control application, wherein the remote control application:
gets video data from the video hardware within the remotely managed system;
transmits the video data to a remote console over a network connection coupling the remotely controlled system to the remote console;
receives keyboard/mouse signals from the remote console over the network connection; and
forces the received keyboard/mouse signals into a keyboard/mouse controller within the remotely managed system as if the received keyboard/mouse signals had originated with locally attached peripherals.
2. The method of claim 1, wherein the step of executing a remote control application further comprises:
utilizing the remote control application to communicate with the remote console utilizing a TCP/IP network connection.
3. The method of claim 1, wherein the step of executing a remote control application further comprises:
utilizing the remote control application to serve to the remote console a Java applet for displaying the video data and capturing the keyboard/mouse signals, wherein the remotely managed system may be remotely controlled utilizing a browser executing within the remote console.

1 4. The method of claim 1, wherein the step of executing a remote control
2 application further comprises:
3 utilizing a remote control application which executes independently of the
4 operating system loaded or executed on the main processor within the remotely
5 managed system.

6 5. The method of claim 1, wherein the step of executing a remote control
7 application further comprises:
8 loading the remote control application for execution by the service processor
9 prior to the power on self test for the main processor.

1 6. The method of claim 1, wherein the step of executing a remote control
2 application further comprises:
3 utilizing the remote control application executing on the service processor to
4 provide remote control capability to the remote console from power on self test for
5 the main processor continuously through operating system load for the main processor
6 and beyond.

1 7. The method of claim 1, wherein the step of executing a remote control
2 application further comprises:
3 utilizing the remote control application executing on the service processor to
4 provide a single user interface for remote control by the remote console from power
5 on self test for the main processor continuously through operating system load for the
6 main processor and beyond.

1 8. A system for remote control, comprising:
2 a remote console;
3 a network connection coupling the remote console to a remotely managed data
4 processing system; and
5 a service processor independent of a main processor within the remotely
6 managed data processing system, the service processor executing a remote control
7 application, wherein the remote control application:
8 gets video data from the video hardware within the remotely managed
9 system;
10 transmits the video data to the remote console over the network
11 connection;
12 receives keyboard/mouse signals from the remote console over the
13 network connection; and
14 forces the received keyboard/mouse signals into a keyboard/mouse
15 controller within the remotely managed system as if the received
16 keyboard/mouse signals had originated with locally attached peripherals.

1 9. The system of claim 8, wherein the remote control application communicates
2 with the remote console utilizing a TCP/IP network connection.

1 10. The system of claim 8, wherein the remote control application serves to the
2 remote console a Java applet for displaying the video data and capturing the
3 keyboard/mouse signals, wherein the remotely managed system may be remotely
4 controlled utilizing a browser executing within the remote console.

1 11. The system of claim 8, wherein the remote control application executes
2 independently of the operating system loaded or executed on the main processor
3 within the remotely managed system.

1 12. The system of claim 8, wherein the remote control application is loaded for
2 execution by the service processor prior to the power on self test for the main
3 processor.

1 13. The system of claim 8, wherein the remote control application executing on
2 the service processor provides remote control capability to the remote console from
3 power on self test for the main processor continuously through operating system load
4 for the main processor and beyond.

1 14. The system of claim 8, wherein the remote control application executing on
2 the service processor provides a single user interface for remote control by the remote
3 console from power on self test for the main processor continuously through
4 operating system load for the main processor and beyond.

1 15. A computer program product within a computer usable medium for remote
2 control, comprising:

3 a remote control application executing on a service processor independent of a
4 main processor within a remotely managed data processing system, wherein the
5 remote control application:

6 gets video data from the video hardware within the remotely managed
7 system;

8 transmits the video data to a remote console over a network connection
9 coupling the remotely controlled system to the remote console;

10 receives keyboard/mouse signals from the remote console over the
11 network connection; and

12 forces the received keyboard/mouse signals into a keyboard/mouse
13 controller within the remotely managed system as if the received
14 keyboard/mouse signals had originated with locally attached peripherals.

1 16. The computer program product of claim 15, wherein the remote control
2 application further comprises:

3 instructions for utilizing the remote control application to communicate with
4 the remote console utilizing a TCP/IP network connection.

1 17. The computer program product of claim 15, wherein the remote control
2 application further comprises:

3 instructions for utilizing the remote control application to serve to the remote
4 console a Java applet for displaying the video data and capturing the keyboard/mouse
5 signals, wherein the remotely managed system may be remotely controlled utilizing a
6 browser executing within the remote console.

1 18. The computer program product of claim 15, wherein the remote control
2 application further comprises:

3 instructions for utilizing a remote control application which executes
4 independently of the operating system loaded or executed on the main processor
5 within the remotely managed system.

1 19. The computer program product of claim 15, wherein the remote control
2 application further comprises:

3 instructions for loading the remote control application for execution by the
4 service processor prior to the power on self test for the main processor.

1 20. The computer program product of claim 15, wherein the remote control
2 application further comprises:

3 instructions for utilizing the remote control application executing on the
4 service processor to provide remote control capability to the remote console from
5 power on self test for the main processor continuously through operating system load
6 for the main processor and beyond.

1 21. The computer program product of claim 15, wherein the remote control
2 application further comprises:

3 instructions for utilizing the remote control application executing on the
4 service processor to provide a single user interface for remote control by the remote
5 console from power on self test for the main processor continuously through
6 operating system load for the main processor and beyond.